NETS REVIEW REGIONAL ROUTING MODEL

Model Inputs
December 12,2005
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Model Inputs

- Commodity Flows
- Transportation Rates
- Output Restrictions
- Transparency
- Innovation
- Conclusion

Commodity Flows

- Operator Submissions-WCSC
- Purchased Data-WCSC
- Corps Generated-LPMS
- Cooperative-STB Waybill, FHWA Flow Data & US Customs Clearings
- Grain Flow-WCSC
  - 1997, 2002, & 2003-Dock to Dock-Wheat, Corn, & Soybeans
  - Annual & Quarterly

Transportation Rates

- Barge
  - Historical-USDA % Tariff & Spot Northbound
    - Monthly, Quarterly, & Annual
  - TVA Barge Costing Model
    - Annual
- Rail
  - STB Waybill Parameters Applied to URCS Model
- Truck
  - USDA Quarterly Truck Survey
  - Periodic TVA Survey of Truck Brokers and Carriers
- Pipeline
  - Tariff

Restrictions

- Data Suitability
  - Time Series
  - Cross Sectional
- Release Capability
  - Maintain Originating Agency Restrictions on Confidentiality for Output

Transparency

- Data Quality
  - Definitions
  - Matching Data to Model Needs
- Data Collection
  - Consistency
- Succession Plan
  - Beyond 2007

Innovation

- Drivers
  - OMB Performance Based Budgeting
  - Data Driven-Telling the Story
    - Tons
    - Hours
- Resource Scarcity
  - Modeling
- Budget Allocation
  - O & M
  - Construction

Conclusion

- Good Data Drives the NETS Models or Any Decision Making Model
- The Corps is Moving Toward Performance Based Budgeting Requiring More Accurate Data
- Tributary Rivers are Most Vulnerable to the Consequences of Bad Data
- NDC Beyond 2007
  - Reduced Data Sets, Reduced Quality Control
- Electronic Data Collection is Needed Today

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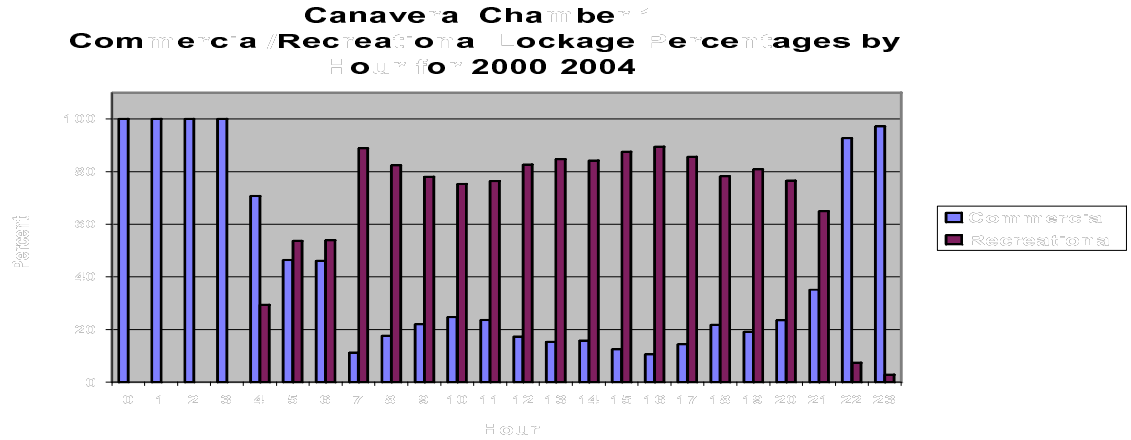

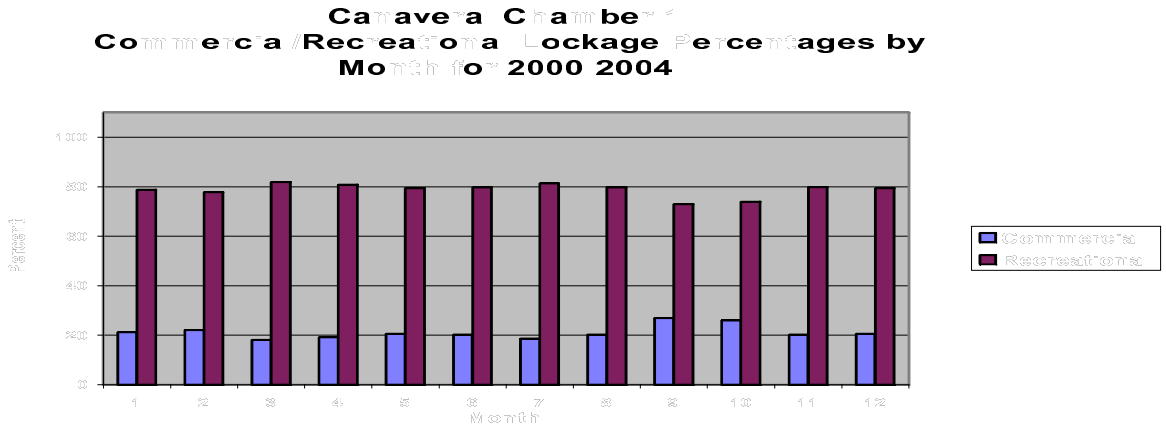

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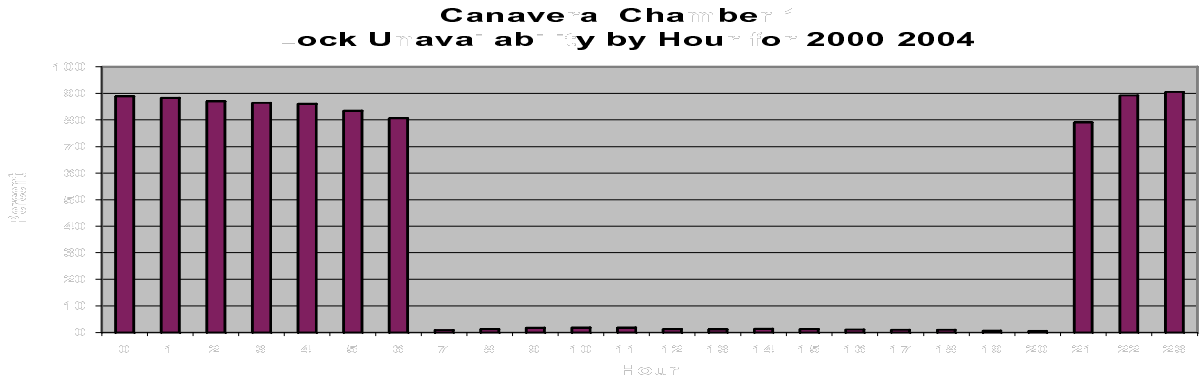

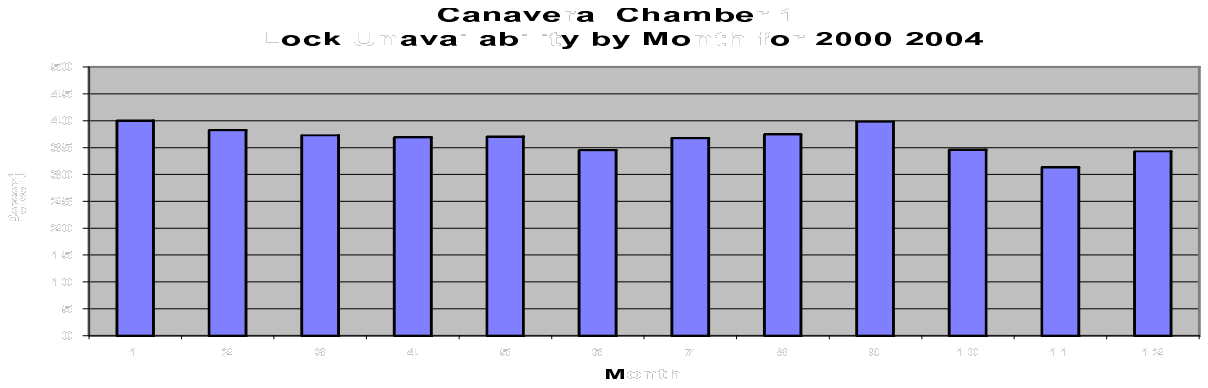

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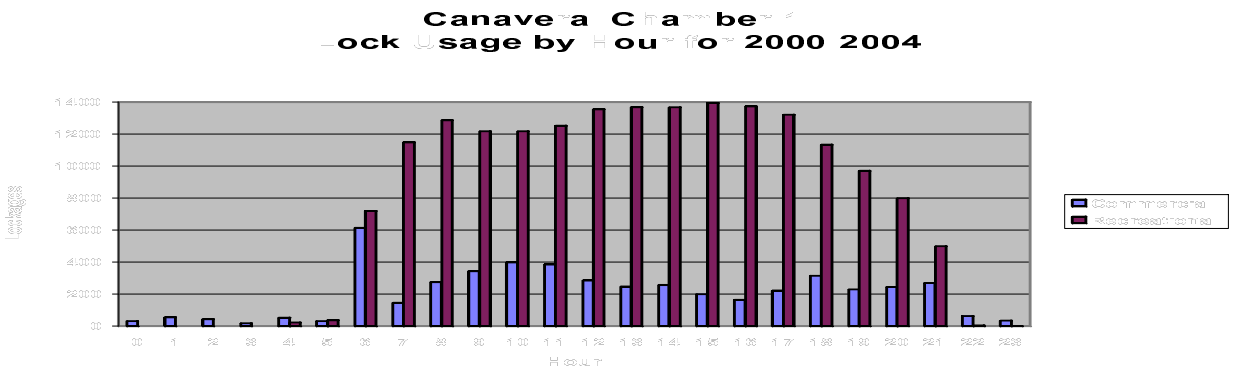

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